



Integrated Agromet Advisory Services
India Meteorological Department
Orissa University of Agriculture and Technology
Bhubaneswar -751 003

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Week No.18

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Bulletin for Jagatsinghpur district of East and South-Eastern Coastal Plain Agroclimatic Zone

The mean maximum daily temperature was 32.3 °C and mean minimum daily temperature was 27.1 °C of the Jagatsinghpur district during the last seven days. The district received 0.7 mm rain during the last seven days. Land preparation for jute sowing is going on along with seed material collection. Summer rice is at grain filling to maturity stage. Summer rice is at grain filling to maturity stage. The summer pulses and sesame are at pod to seed development stage. Plant protection of summer non-paddy crops like sunflower, sesame, groundnut, and maize are carried out. Intercultural operations of colocasia and corn is carried out. Planting and Plant protection of marigold and tuberose are carried out. Irrigation and top dressing and plant protection of sugarcane is being carried out. Harvesting of greens (Knada) and leutia is almost completed. Irrigation to all paddy and non paddy crops is being carried out.

Forecast (Up to 09.05.2012)
Given by Met. Centre, IMD, Bhubaneswar

DISTRICT : Jagatsinghpur

The district is likely to receive low rain on Friday & Saturday and dry on rest days up to Tuesday. The weather may be sunny to slightly cloudy up to next four days. The wind speed is likely to remain within 7 to 13 kmph up to next four days. The daily maximum temperature is likely to increase gradually by 2 °C each on Sunday & Monday and 1 °C on Tuesday. The daily minimum temperature is likely to increase gradually by 2 °C each on Sunday & Monday.

Weather parameters/Date	05/05	06/05	07/05	08/05	09/05
Rainfall (mm)	7.8	13.0	.0	.0	.0
Max Temperature (deg C)	33	33	35	37	38
Min Temperature (deg C)	22	22	24	26	26
Total cloud cover (octa)	1	2	2	0	1
Max Relative Humidity (%)	88	86	87	88	89
Min Relative Humidity (%)	71	67	66	62	63
Wind speed (kmph)	013	004	011	020	022
Wind direction (deg)	144	92	225	215	217
7 days cum. Rainfall (mm) for the period from 05/05 to 11/05 = NA					

For further information, contact the Met. Centre, Aerodrom Area, IMD, Bhubaneswar, Tel. # 0674-2596116.

Agromet-Advisory

1. Go for summer ploughing to utilize rain water.
2. Go for immediate harvesting of the early planted rice and bring to harvested paddy to the threshing floor or to a safer place.
3. Cover the freshly prepared vegetable nursery with polythene or with straw to protect from high temperature.
4. Go for sowing of jute for better utilization of rain.

SUMMER PULSES : The summer green gram crop is at pod development stage. Go for irrigation. Cloudy and rain may aggravate the cutworm infestation has been found. Apply Chloropyrifos or Triozophos dust around the bunds to prevent the entry of pests from the affected field. to unaffected field. Spray 2 ml Chloropyrifos/litre eater during afternoon hour. Spray 3 g Endophil-M-45 in 1 litre water to control fungal leaf spot.

JUTE : Now the weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Plough the land thoroughly and remove the weeds. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

OKRA : Now the weather is optimum for okra planting. It can be grown throughout the year. Grow Improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvani kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars. and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg. seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm spacing for improved Vars. and at 60x45 cm. spacing for hybrid Varieties

GROUNDNUT Crop is at seed development to maturity stage. Go for irrigation in late planted crops. Go for harvesting of the matured crop to avoid germination during rain. Infestation of thrips has been occurred. Spray 2 ml Endosulphan in 1 litre water. Bud necrosis has been found. Spray 2 ml. Endosulphan / litre. Infestation of rust has been occurred. Spray 25 g Mancozeb or 30 g Blitox-50 in 10 litre water.

Nodal Officer

For other crops, see the advisory of Cuttack, Kendrapada, Khurda, Puri, Nayagarh and Ganjam districts of the ACZ